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PATENT  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Frank LUYTEN et al.	Confirmation No.:	1230
Serial No.:	10/089,932	Art Unit:	1657
Filed:	July 29, 2002	Examiner:	A. P. Wood
Customer No.:	21559		
Title:	IN VIVO ASSAY AND MOLECULAR MARKERS FOR TESTING THE PHENOTYPIC STABILITY OF CELL POPULATIONS AND SELECTED CELL POPULATIONS FOR AUTOLOGOUS TRANSPLANTATION (as amended)		

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Commissioner for Patents  
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REPLY TO FINAL OFFICE ACTION

In reply to the final Office action that was mailed in connection with the above-captioned patent application on April 19, 2007, Applicants submit the following Amendments and Remarks.